MINING, BUSINESS AND STOCKS.

and we are a constitution of the constitution

WEEK'S BUSINESS ON THE EXCHANGE

Market Broader and Stocks Closed | Local Quotation of the Metal Today Much Stronger.

Has Been Good Demand All Week For Dividend Paying Stocks, Daly-West Leading.

Business on the mining exchange durthroughout the list stocks close strong-57,275 shares and \$22,798.12, and for the week total sales of 524,182 shares for \$286,531.12 were recorded.

One of the gratifying features of the exchange business this week has been the continued demand for the dividend paying stocks. This is taken as inlicative of the presence of an outside element of some means and magnide. Undoubtedly with returning infidence among the investing public the exchange business will rapidly in-

Today stocks took a noticeable uplay is Saturday and the first of a new

Ajax led off with transfers at 36 and Carisa began rather an active career at 43, which did not end until sales of 16,500 shares had been recorded, at figures between 43 and 45% at which the stock closed. Carlsa began in Jan-uary with a sale at 62%, and Ajax was

then held at 62%.

Though the decilnes from the quotations on January 1st have been very heavy, among those extremely well-posted on Utah mines, it is thought that in few instances have stocks been unjustly depressed below the proper valuation of the properties they reposed.

Continuing on the board 100 shares of Con. Mercur came out for \$1.56, and Daly West was traded in for \$28.20. Lower Mammoth was two cents higher today than yesterday, and May Day was traded in between 56 and 58.

closing with sales at 57%.
Star Con. showed up at better figures, and Uncie Sam Con. sold as high as 56. With sales totaling 1,400 shares, California sold up to 46, while Century came out for 16%—15.

Yankee Con. was quite active in consequence of the surphage by Dr.

sequence of the purchase by Dr. Franklin of several thousand shares at \$3 last evening. The stock began with sales at \$2.52, sold up to \$2.55 and closed with transactions at \$2.46.

The call closed with the following bid

and asked quotations red	corded	
LISTED STOC	KS.	
Stocks.	Bid.	Asked
Alax	3614	361
Albion		15
Alice	35	
Anchor	1 00	
abunion aseck trees it	1.00	
Carisa	45%	46
Congor		20
Con. Mercur	1 541/2	1 60
Creole		1 00
LIBER STATE OF STATE STATES		2 10
Daly-West 2	7 90	28 15
Dalton and Lark		011/
Eagle and Blue Bell	50	1.00
Galena	0416	09%
Grand Central	3 121/2	
Horn Silver	1 25	1 75
Inget	051/2	08
Lower Mammoth	621/4	631
Mammoth	1 20	1 25
May Day	57	571/
Northern Light	0214	021/
Ontario	7 50	8 375
Petro	07	10
Sacramento	18	20
Sunshine	20	221/
Silver Shield	06	084
Star Con	28	281/
Swansea		2.00
South Swangea	24	27
Shower Con U. S. Con		10
U. S. Con	5514	5614
United Sunbeam	30	40
Utah		50
Valeo	11	24
UNLISTED STO	CKS.	7011-04
Stocks.	Bld.	Asked

ack Jack 1 65 ss Tweed 40 difornia Bowers Reine hmond Anaconda .. est Morning Glory .. STOCK TRANSACTIONS

Ajax, 100 at 26; 100 at 36¼.
Cariss, 100 at 43; 500 at 43½; 600 at 44; 506 at 45; 4,800 at 46; 100 at 46¼; 5,900 t 45½; 1,000 at 45½; 1,100 at 45½; 800 t 46½; 100 at 46%. Total, 16,500. Daly-West, 50 at 28.20. Lower Mammoth, 100 at 6214; 200 at

100 at 57%: 2,700 at 57%; 700 at 57%; at 57%. Total, 5,500. at 57%. Total, 5,500. orthern Light, 7,300 at 2%.

Silver Shield, 1,000 at 8

South Swansea, 200 at 30; 900 at 26. Star Con., 2,000 at 28; 500 at 28¼; 1,-0 at 28½; 100 at 28¾. Total, 3,600. Tucle Sam Con., 300 at 54½; 100 at ½; 100 at 55¾; 100 at 56. California, 100 at 44, 200. illfornia, 100 at 44, 200 at 45; 1,000 at : 100 at 46. Total, 1,400. ntury, 500 at 1614; 1,100 at 16; 1,600 at 16; 1,000 at 16; 1,000 at 5; 1,000 at 54; 2,550 at 5%, 1,000 at 43; 100 at 42; 100 at 43; 100 at 42; 100 at 42; 100 at 2,51; 100 at 2,51; 100 at 2,51; 100 at 2,51; 100 at

at 2.55; 200 at 2.53; 100 at 2.51; 100 at ; 100 at 2.47; 100 at 2.46. Total, 1,-

OPEN BOARD. 0 Carisa, 45%. Causa, 46%. Duly-West, 28.10. 00 Silver Shield, 8.

Yankee Con., 2.65. TOTALS. egular call, 50,350 shares, \$20,065.12.

n board, 6,925 shares, \$2,733.

COPPER MAKES BIG ADVANCE.

Is 11 Cents.

AFTER DIVIDEND PAYERS. UP OVER A CENT A POUND.

Increase Makes Utah Copper Producers Happy-Expectations Are That Price Will Advance More.

The quotation on copper today is 115 ing the week ending today has had a cents a pound or a cent and a quarter much improved tone, and generally over yesteroay's figure, It was anhounced from New York this morning er. . Total transactions today involved and as the news spread caused much joy among those interested in Utah a further advance rather than any reduction is considered as certain.

The causes, as nearly as could be ascertained, of the recent slump were stated in the "News" of just a week age, and the rise today was then fore-

During the recent visit of Samuel Newhouse to this city he told the "News that a all probability the final settling figure of copper would be fixed at a figure between 12 and 15 cents. Mr. vhouse's authority for the statemen was of the very highest nature copper will soon be advanced again.

YANKEE DIVIDEND. Initial Dividend of \$25,000 is Payable Today.

The initial monthly dividend of \$25, of the Yankee Con. is payable today and many a stockholder has a nice little cherk to reward him for having The Yankee has certainly been and it Dr. Franklin's hopes are realized will cotninue to pay \$25,000 or more monthly for a long time to come.

DEXTER SHIPMENTS, January Product Amounts to About \$11,200.

The Dexter-Tuscerora management has marketed \$3,200 cyanides and one \$2,000 tar no for this month. Another bar of the value of \$6,600 is expected to arrive in a day or two from the Tus-carora, Nevada, property and this will make the total product for the month

Filed for Record.

Special to the "News.") have ben filed for record from the Castilla Resort company, for a two-thirds interest, and from Percy S. Sowers, for a one-third interest in the War Eagle mining claim, in American Fork mining district, to Herbert Hirschman; consideration in each deed is placed at

A deed from William Ottenheimer to Herbert Hirschman, consideration \$1, has also been filed for record, conveying the War Eagle in American Fork tle Cottonwood mining district.
R. J. Kroupa et al have filed notice N. J. Kroupa et al nave med notice of location of the Summit Placer claim No. 6, containing 160 acres, situated about one-half mile east of Soldier Summit station, and joining the Sum-

Park City Shipments.

The Mackintosh sampler reports ship-nents from Park City during the week s total is exclusive of Silver King and Mayne and Leonard shipments.

Governing Board Meet. At a meeting of the mining ex-change governing board this afternoon the standing committees of the exchange will be named and some other business may be tranacted.

MINING NOTES.

The Yankee has nine cars of ore eady for sampling today. Total transactions on the mining exchange for January involved 2,059,223 shares and \$1,081,045.

The Victor has four cars, the Ajax three, and the Star Con. one car of ore on the market today. It is stated that plans for the new Mone mill are nearly completed and

will be submitted in a few days. The Conklin sampler was in receipt this morning of seventen cars of ore from Tintle and one from Bingham,

The May Day has two cars of ore beng assayed as has also the Ben Butler ive cars. They will all be marketed on

General Manager McVichie of the Bingham Con., accompanied by President White, is expected to reach the city from the East tomorrow.

The Taylor and Brunton sampler was receipt today of five cars of con-entrates from Bingham, two cars of ere from Tintic and one from Nevada. The report is out that the Red Wing dining commany owning properties in Singham, will soon reorganize with a arger capitalization, assessable for de-

Much improvement in values has been shown in Utah copper stocks, quoted in Boston, during the past week. Utah is quoted at \$26.25: United States, at \$17.50; Bingham, at \$24.50; and Daly-West, at

Advices concerning the remodeled Advices concerning the remodeled Tesora mill state that the new process saves more iron and about the same percentage of copper as before. It is stated that until richer ore is encounered the company will do well if it

breaks even on expenses. J. R. De Lamar, the millionaire mine owner, is retiring from active business. Yesterday he sold control of the Consolidated Mercur, 501,000 shares out of a total of 1,000,000, to his associates, John Dern and others, It is understood that his California copper mine, the

fully Hill, is for sale for cash.-Boston Ore and bullion settlements in this city for the month of January aggregated \$1,638,356, as compared with \$1,783,968 for the corresponding month of last year. The falling off is in a large

of the metal market and especially the low price of copper. Some producers refused to ship until better prices may be obtained and in one or two cases shipments were seriously retarded by bad roads and other inconveniences,

Salt Lake Bank Clearings.

Jan, 27...\$ 603,008,96 \$ 679,704.43 Jan. 28... 460,286,77 498,440,64 Jan. 29... 409,040,70 448,609,06 Jan. 30... 453,329.49 427,746.17 Jan. 31... 507,742,07 460,724.24 Feb. 1.... 417,235.82 460,734.24 Totals, .. \$2,850,643.81 \$2,396,270.36

Increase-\$454,373.45

BUSINESS NOTES.

of opening and an including the form of the form of

The week has been an active one in commercial stocks, the main operations having been confined to sugar. All eyes have been on Washington and under the supposition that the ways and, copper properties. That there will be means committee had shelved the question of Cuban reciprocity, local sugar stocks took a bound upward, Lehi pe-ing quoted by brokers at \$16 bid last night. Today's dispatches indicate that the tariff question has only been tem-porarily laid aside and those best in-formed think that Cuba will be sure to receive a concession of at least 25 per cent sooner or late). Several other stocks advanced to new figures as the ollowing record of the latest quota-

tions will show: Descret National Bank\$261.00
 Utah Sugar Co.
 16.00

 Ogden Sugar Co.
 200.00

 State Bank of Utah
 140.00
 Deseret Savings Bank 193.00 Co-op. Wagon & Machine Co. ... 150.00 Commercial National Bank ... 190.00 Zion's Savings Bank & Trust Co. 130.00 Provo Commercial & Sav. Bank. 120.00 Lehi Com. & Savings Bank... 100.00 Thatcher Bros. B'k'g Co., Logan. 111.00 First National Bank, Ogden ... 203.00 Rocky M't'n Bell Tel. Co. ... 100.00 Davis County Bank, Farmington. 100.00 Barnes Banking Co., Kaysville .. 220.00 BONDS.

Bonds ... 100

S. L. City Railroad Bahds (can be taken up in 1903) 102 Sumpter Valley 102 Thomas R. Cutler, general manager of the Utah Sugar company, will return

from his trip to New York early next The following building permits were issued during the week:
H. L. Thomas, corner P and Second street, frame residence, \$2,500. Geo. A. Turner, Fourth West between Seventh and Eighth West, frame cot-

tage, \$700. Geo. J. Woodling, Rice street, brick Cottnge, \$1.800.

Henry Dinwoodey, 151 Main street, brick business block, \$8,000.

Carl Gunther, between Eighth and Ninth South and First and Second East, frame cottage, \$800. L. Regie, 252 West Fifth South, alter-ations, \$500. Total, \$14,300.

The proposed across the lake cut-off is the talk of commercial circles. There is a disposition to believe that the Southern Pacific is running a bluff on the Salt Lake public, and that the proposition to cross the lake was put out to stir up Salt Lake into offering something in the way of terminal facilities, bonuses and other attractions. An old time business man calls attention to the way the blasts sweep down from the mountains occasionally in the winter and spring, with sufficient force to blow trains over. It is not so many years since a Rio Grande Western train was blown over near Farmington, when quite a number of passengers were hurt, though fortunately none fatally. Then a Utah & Nevada train was blown over near Black Rock, erushing Conductor Brown to death. It is claimed that there will be constant danger at certain seasons of the year from this source in crossing the lake, where the winds have full and free Southern Pacific train on the causeway the lake and there will be quite a numpassengers who will not "live

Banking men say that the past week has been more quiet, with rates of in-terest stiffening, and the feeling has been one of confidence. There is a gen-eral disposition to be cautious.

According to Bradstreet's report for the week ending yesterday, Salt Lake's bank clearings amounted to \$2,968,569; mil' keeping ahead of Seattle, whose figures are \$2,527,772. Los Angeles is picking up rapidly, its clearings for the west being \$3.984,949. Portland, Ore., is

behind Salt Lake, with \$1,841,830. Bradstreet reports 292 failures in the United States the past week as against 291 for the previous week, 281 for the last week in 1901, 252 for the same week

in 1900, 246 in 1899, and 288 in 1898, The George M. Scott-Strevell Hardre company re-elected the old officers the company as follows: President, re M. Scott, vice president and uver C. M. Strevell; secretary, W. P. Outcalt: other directors, O. Stans-bury and W. B. Rice, A 2 per cent quarterly dividend was declared.

A. N. Campbell, Stock Bryker, 202-203 D. F. Walker Block. Tel. 536. Broberg & Thompson, Stock Brokers,

11 Walker Bros. Bank B'ld'g. Tel. 1257z. And printing specially attended to at the Descret News Office. Estimates promptly furnished. Rush orders a

Don't think because you have taken many remedies in vain that your case

You have not taken Hood's Sarsaparit has cured many seemingly hopeless cases of scrofula, catarrh, rheumatism, kidney complaint, dyspepsia and genor-al debility-many cases that may have been worse than yours. What this great medicine has done for others it can do for you.

THE STANDARD. Do you have the Standard Dictionary in your library or school room? If not, you are not up to date. It is the largest, best edited, best printed, best bound, and most modern work in all respects yet issued. Only a limited number on hand. Address the Deseret News Office.

SUCAR STOCK WAS BOUCHT.

Ribs-February 8.20; May 8.371/200 Flax-Northwestern, 1.711/4. News from Washington Considered

AMALGAMATED SOLD DOWN.

Favorable,

Became Feverish and Heavy, then Went Up-Most of the List Was Inclined to Droop.

New York, Feb. 1 .- The ntarket opened dult and sluggish and changes were restricted to small fractions both ways with a few exceptions. Sugar was brought on what was regarded as favorable Washington news and rose 1% to 1261/2. Amalgamated Copper, on the other hand, sold under last night and became feverish and heavy. Other active stocks were but little changed but the western and Pacific railroads yielded when Southern Pacific weak-

Amalgamated Copper was lifted again to the top level and Anaconda rose a point. Colorado & Southern first preferred advanced 14. The rest of the list was inclined to droop, and the fall was emphasized upon the appearance of the bank statement on account of the enormous loan expansion. Declines reached 1 to 2 in Amalgamated Copper, Sugar, Southern Pacific, Met-ropolitan, United States Express, Linseed preferred and American Smelting, the decline. Distilling preferred rose about 2. The general market was dull and heavy at the close.

CLOSING STOCKS.

Atchison, 76%; do. preferred, 97%; C. & A., 34½; L. & N.; 103%; Reading, 561%; do first preferred, 82½; Uniced States Steel preferred, 834; Peoples Gas, 9994; B. R. T., 654; Wisconsin Central, 19%; Anaconda, 36; C. G. W., 2314; New York Central, 161%; Southern Pacific, 614; Southern Railway,

Refunding 2s registered and coupon, 1681; 2s registered and coupon, (ex int) (ex int,) 11176; 5s registerd, 106; do. coupon, (ex int.) 106%.

MONEY AND BONDS. Money on call, steady, at 21/2 per cent Prime mercantile paper, 404½ per cent, Sterling exchange, firm, with actual business in bankers' bills at 4.78½, for demand and at 4.84%, for sixty days. Posted rates, 4.84 and 4.88. ommercial bills, 4.83%@4.84%. Mexican dollars, 44%. Government bonds, steady. Bar silver, 55%.

SUGAR. Sugar-Raw, steady; fair refining. 3 16; centrifugal 96 test, 3 11-16; mo-lasses sugar, 2 15-16. Refined, steady; rushed, 5.25; powdered, 4.85; granulat-Coffee-Quiet. No. 7 Rio, 7%.

Bank Clearings.

Bank clearings throughout the United States and Canada for the week ending Friday, Jan. 31, 1902, were: Sait Lake City. . . . \$ 2,968,596 31.5 Total United States . . 2,157,122,942 9.6 Outside New York Outside New York 748,956,589 13.6 Totals, Canada..... 33,883,250 22,5

BANK STATEMENT. New York, Feb. 1.-The statement of

the associated banks for the week ending today shows: Loans......\$889,531,500
 Deposits
 975,997,000

 Increase
 28,330,200

 Circulation
 31,365,200

 Increase
 248,700

 Legal tenders
 77,807,400

 Increase
 949,500

 Specte
 192,815,200

 Increase
 6,294,000

 Reserves
 270,622,600

 Increase
 7,873,500

 Increase
 7,873,500
 Increase., ... 1,290,950

LIVE STOCK.

CHICAGO. Chicago, Feb. 1.-Cattle-Receipts, 250. Seady. Good to prime steers, 6,50@7.25 poor to medium, 4.00@6.00; stockers and feeders, 2.25@4.50; cows, 1.25@5.25; heifers. 2.50@3.50; canners, 1.25@3.30; bulls, 2.25@4.65; calves, 2.50@7.25; Texas fed

Hogs-Receipts today, 21,000; tomorrow, 32,000; left over, 3,400, Strong, Mixed and butchers, 5,85@6.30; good to choice heavy, 6,15@6.37½; rough heavy, 5,85@6.10; light, 5,50@6.00; bulk of sales.

Sheep-Receipts, 1,000. Sheep steady. Lambs steady. Good to choice wethers. 4.30@5.20; fair to choice mixed, 3.75@4.50; native lambs, 3.00@6.00; western lambs, 5,50@6,00.

KANSAS CITY.

Kansas City, Feb. 1.—Cattle—Receipts, 200. Texans, unchanged. Native steers, 4.85@6.50; Texas and Indian steers, 4.25@5.59; Texas cows. 2.50@4.25; native cows and heifers, 3.00@5.50; tockers and feeders, 3.25@4.85; bulks, 1.00@4.50; calves, 4.00@6.50.

hanged; muttons, 4.00@5.00; lambs, 5.50@6.00; range wethers, 4.50@4.80; wes, 4.00@4.50.

OMAHA.

South Omaha, Feb. 1 .- Cattle-Re ipts, 10c. Market quotably steady ative steers, 4.00@6.75; cows and heif Pers. 3.00@5.00: western steers, 3.70@5.30:
Pexas steers, 3.50@4.50; canners, 2.00@
3.00: stockers and feeders, 2.80@4.60:
calves, 4.00@7.00: bulls, stags, etc., 2.25

Hogs-Receipts, 3,500; market seady, Heavy, 6,3076,50; mixed, 5,9076,05; light, 5,6076,05; pigs, 4,5075,50; bulk of sales, Sheep—Receipts, 1,000. Market seady. Fed muttons, 4,25@5.70: Westerns, 3,80@ 4,30: ewes, 3,50@4.10: common and stockers, 2.50@4.21; lambs, 4.50@5.85.

DENVER. Denver, Colo., Feb. 1.-Cattle-Reeipts, 300. Steady. Beef steers, 75@4.50; cows, 2.50@4.00; stocker. 3.104.50; cows, 2.004.00; stockers and feeders, freight paid to river, 3.00 (4.50; bulls, stags, etc., 1.50/3.50. Hogs-Receipts, 200. Lower. Light packers, 6.00/6.05; mixed and heavy.

No sheep. PRODUCE. CHICAGO. Chicago, Feb. 1 .- May wheat started at 77% @77%, dropped to 77% @77%, and railled to 78@78%.

Close: Wheat—February 75; May 78
@78%: July 78@78%.

Corn—February 59%: May 62%.

Oats—February 33%@33%: May 44%@
44%.

SATISFA

Pork—February 15.521/2: May 15.771/4. Lard—February 9.20; May 9.371/20

Hye-February, 58½,
Bartey-Casch 59@54.
Timothy-March 6.55,
Cash: Wheat-No. 2 red 83@85; No. 3
red 78@84; No. 2 hard winter 76@78;
No. 3 hard winter 75½@77; No. 1 north-

ern spring 76@77; No. 2 spring 75@76% No. 3 spring 71@75. Corn-No. 3, 59@59½, Oats-No. 2, 44¼@45; No. 3, 44¼@44½

SAN FRANCISCO.

San Francisco, Feb. 1.—Wheat—In-active; Dec. 199½; spot, quiet, 197½; Barley—Inactive; May 84½; cash NEW YORK. New York, Feb. 1.—Wheat—Receipts, 26,250 bushels.—Under the influence of southwest selling, scant export inquiry and favorable crop news, wheat eased off this morning, to rally towards noon on covering. May 834,6834; July 83%

WOOL.

ST. LOUIS. St. Louis, Feb. 1.-Wool-Firm. Territory and western medium 16@18; fine 12@17: coarse 12@16.

SAN FRANCISCO. San Francisco, Jan. 31.—Nevada, 10@ 12; eastern Oregon, 10@13; valley Oregon, 13@15; Humboldt and Mendocino, 10@12½; mountain, 8@9; South Plains 10@1212; mountain, 8@9; South Plains and San Joaquin, 6@8; lambs, 6@8.

BUTTER AND EGGS. New York, Feb. 1 .- Butter-Receipts 2.500 packages: firm. State dairy, 141/2@ 4; creamery, 18@26; June creamery 51/6211/2; factory, 131/6171/2. Eggs—Receipts 3,200 packages, easier State and Pennsylvania, 27@28; west-

Chicago, Jan. 31.—On the produce exchange today the butter market was firm; creameries, 15@25; dairies, 14@21. Cheese-Firm; 1014@111/2. Eggs-Fresh, 231/2

CURING ALKALI SOILS. Danger from Excessive Irrigation and the Remedy.

It has frequently been observed in the irrrigated region that soils which showed no signs or only occasionel Small spots of alkali when first brought under cultivation, have after the lapse of a comparatively few years become Union Pacific, 10124; do. preferred, 89; Amalgamated Copper, 78%.

Government bonds closed as follows:

Befinding 28 registered and covern ary farm crops. The California example of the growth of the ordinary farm crops. The California example of the growth of the ordinary farm crops. The California example of the growth of the ordinary farm crops. The California example of the growth of the ordinary farm crops. The California example of the growth of the ordinary farm crops. The California example of the growth of the growth of the ordinary farm crops. so widely impregnated with alkali as periment station has for a number of years devoted especial attention to the subject of the rise of alkali in the soils, and recently the division of soils of the United States department of Vgriculture has undertaken a study of the causes and conditions favoring the rise of alkali in irrigated soils and the injury resulting from it. A recent bulof the division gives an account of such investigations in the Yellow-stone Valley near Billings, Montana. These investigations indicate that the trouble in that locality at least is due largely, if not entirely, to injudicious or excessive irrigation. "Before irril excessive irrigation. gation was introduced the salts were present in rather large amounts, but

and not in such large quantities as to be infurious to crops." With the in-troduction of irrigation, however, water was applied in excessive amounts to the bigner land, and seeping through to the lower soils carried with it the soluble salts, which accumulated in excessive amounts in the latter, especially where drainage was imperfect. Similar conditions have been reported by the California station as existing in the San Joaquin valley California, and

are known to occur in Salt Lake county and in many other regions.

The bulletin of the division of soils above referred to states that "the open sandy lands, having better underdrainage, are not likely to be injured by a of salts except from an excessive application of water, or in the low places in the path of the drainage sysm, especially when these are under-id, as they are liable to be, by the eavy gumbo soils." It thus appears hat the injury may not be due to the ocal application of water, but to the ater on neighboring farms or in places il farther away.

These investigations point clearly to the necessity of great care in the application of water in irrigation.
This care must be exercised not only for the land which is being irrigated, but for the adjoining lands on lower

Where the damage has been done, or where the conditions are so imminent that ultimate ruin can be foreseen, the exical method of reclamation is in proiding anequate systems of drainage o carry off the excess of water and he accumulated salts.
It must not be assumed, however,

that a thorough system of underdrain-age relieves one from exercising care nd judgment in applying water to he land. There is less immediate anger of ruining the land, to be sure, ut there are two things to be considnamely, that an excessive use of ater means just so much loss to irriation and so much less land which can e brought under the ditch, and also hat in the removal of these saits by he flow of the seepage waters out brough the drainage system, large uantities of really valuable plant food

re likely to be removed from the soil.

By overlrrigation and under-trainage we may remove in a few rillity of the soil. On this point a California station | service. culletin states that while underdrain-ige is a ready and complete corrective

and have been demonstrated to possess great commercial value.

Mechanics is his hobby, and if he gave way to it completely he would, spend all of his time in machine shops. Young Vanderbill showed that he had ideas and determination much out of the ordinary when he had his disagreement in the same direction.—Condensed from Farmers' Bulletin 103 United States Department of Agriculture.

LOGAN EXCURSION \$2.50.

With the Salt Lake Opera Co., via O. With the Salt Lake Opera Co., via O. L., Monday, Feb. 10. Train leaves

lepot 4 p.m., returning after the op-ra. Tickets also good to return till Vednesday, Feb. 12. WONDERFUL AND TRUE. PROF. J. K. CULLIHER,

One of America's greatest magnetic healers during his three years stay in this city has performed some of the most wonderful cures on record. Many most wonderful cures on record. Many who had been given up to die by the medical fraternity have been restored to health and vigor. His electric baths are the finest in Utah. He has an experienced lady to superintend the ladies' department and give massage. During the month of February the professor will give magnetic and electric essor will give magnetic and electric

HEALTH RESORT, 2466 Grant Ave., Ogden, Utah.

SATISFACTORY.

Business Continues Good, Notwithstanding Some Drawbacks.

MANUFACTURING NEWS GOOD

And Corn Were Higher Than at Same Time Last Year.

New York, Jan. 31 .- R. G. Dun & Co.'s Review of Trade tomorrow will

Despite some drawbacks the business situation continues satisfactory, with especially good news from manufacturing centers. Labor disputes are somewhat more numerous and low water stopped milis in parts of the northwest Special lines were stimulated by seasonable weather, but the same influence

affected others adversely.
Footwear shops in New England have large orders for springs goods and are still busy on seasonable lines, while weekly shipments continue to exceed those of last year. Wholesale buyers are in the Boston market, but show an inclination to delay placing contracts at the present advanced prices. Hides have delined still fur-

Even at the lowest point of the week wheat was 5 cents and corn 18 cents higher than at the corresponding date last year. Foreign buying of wheat was not perceptibly stimulated by the lower prices, but there continued a steady outgo, aggregating 3,764,873 bushels for the week, flour included, compared with 3,324,758 bushels a year

Liabilities of commercial failures during four weeks of January aggregated \$12,902,007, of which \$5,683,392 were in manufacturing, \$6,435,894 in trading and \$782,631 in other strictly commercial lines. Aside from a few exception of the strictly commercial lines. cial lines. Aside from a few excep-tionally heavy defaults, the showing is very good as to manufacturing. Large decreases appear in liabilities as compared with last year's failures chinery, cotton, lumber and chemi-

Lumber Dealers' Association.

New York, Feb. 1.-The National Wholesale Lumber Dealers' association will meet at the Waldorf-Astoria on March 5-9. Telegraphic announcement of this fact has just been received by J. E. Defenbaugh, editor of the Ameri-can Lumberman. Heretofore the meetings of the association have been held in eastern cities, and the break in the rule will be reciprocated by western dev'ers in the shape of entertainment of eastern visitors.

Jan. Kubelik's Great Earnings. Chicago, Feb. 1.-When Jan Kubelik draws his bow across his violin this afternoon, he will be richer by nearly \$22,999 for his four concerts in Chicago and records of the Auditorium thea-

heart is set on making his fortune in the next few years and returning to his native land. He has long planned establish some sort of an institution in which the struggling musician will be encouraged, and he said that Chicago had neiped him more in his plan than any other city he had played in. After the conert tonight he leaves for Toronto, and then returns to the

Atlantic coast. ANYTHING BUT A DRONE. A Man Who Earns His Right to All the World Gives Him.

Cornelius Vanderbilt, appointed municipal civil service commissioner by Mayor Low, works harder than the average penniless young man, though he has an income of \$300,000 a year, or \$25,000 a month, or \$833 a day. All the work that he does is from choice, as he doesn't have to bother about the and grocery bills and such matters. He is an ordinary looking young man, boyish in appearance and democratic in manner, but he has many remarkable qualities which make him as different from the average gilded youth

of fashion as a steam engine is from He has ambition-tons of it. That is what makes him work so hard. He wants to earn a reputation and be independent of the halo which hangs over him simply because he is a Vanderbilt.

The family hallo never appealed very strongly to him, anyway. After his dis-agreement with his father he became doubly envious to build up a name that

would be purely the result of his own labors. Some of the positions this young man fills, and fills worthily, are:

Director in the Lackawanna Iron and Steel company. Trustee of the New York Life Insurance and Trust company. Director in the Rapid Transit Subway Construction company, which is building the rapid transit tunnel. Heutenant, Company

Twelfth regiment. Member of several important comears the very conditions which contri-ute to the wealth of the country in the of the twenty-ninth assembly district. mittees in the Republican organization

He is active in every one of these positions and in addition to attending to all of the duties thereof he finds time alkali. It does not follow that the discriminate use of underdrainage is to work out many mechanical devices be recommended since enormous Several of these have been patented mounts of valuable soil ingredients and have been demonstrated to possess

> the power and wealth which centered in the head of the Vanderbilt family. This meant a loss in money alone of over \$10,600,000, a sum which would have caused most men to ponder deeply before deciding to cast it aside. But young Vanderbilt's decision was in-stantaneous and positive. It was in

favor of the woman he loved. His father kept his word. As the eldest living son, Cornelius, according to all precedent in the Vanderbilt family, should have received the bulk of his father's wealth. Instead he was left only \$1,000,000, while \$45,000,000 went to his younger brother, Alfred Gwynne, Alfred gave \$6,000,000 to Cornelius to avert litigation over the estate. Young Cornelius was never disheart-ened by the great loss he suffered in

wealth and prestige. In the five and a haif years since the quarrel with his father he has worked incessantly and with good results. He began by inventing a locomotive firebox. The great value of this invention is that it keeps

road company, as it rarely gets out of repair. It is now being used on the New York Central, the Baltimore & phio, the Union Pacific and thirteen other large railway systems, and in time will probably be in universal use. He has since elaborated his original nvention, and now what is called the Vanderbilt type of saves boilers fuel and economizes power as well, being less expensive to keep in repair. The in-

vention is patented, the patent number being 637,186. Recently he invented a tank car for carrying oil, and also a coal car. Both of these are radically different from others of their kind. The value of the oil tank lies in the way it is fastened to the body of the car. Its construction is so ingenious that the tank has to support its own dead weight.

The coal car also has novel features which give it exceptional durability. It ear the American Engineer and Rail-

road Journal has said:
"The new car designed by Cornellus
Vanderbilt embodies one of the boldest steps ever taken in the direction
which is considered so important. It is Even at Lowest Point of Week Wheat ikely to mark a departure in steel car

He has also invented a brake and many minor appliances used in rail-roading. He frequently goes to the Faldwin locomotive works in Philadelhia, dons a pair of overalls and puts n a hard day's work alongside the me-hanics employed there. He isn't afraid of dirt or grease, and emerges from the shops as grimy as any of the \$3 a day

Last summer at Newport he proved the biggest kind of a surprise to the naval officers at the United States tor-pedo station. He wanted to study the nechanical novelties in the torpedo ed to go

along on one of the trial trips. the time on deck after a cursory look

at the engines. He went aboard carrying a small satchel, from which he took a pair of overails and a skull cap. Then he went into the engine room and re-mained there during the four-hour trip, hobnobbing with engineers, firemen and stokers, and when he started to wash up before returning to his villa Beaulieu he was as grimy as any steker

He has just begun active work as an officer of the new city government. says he expects to devote much of his me to the office and perform his full share of his duties. As civil service commissioner he does not receive any

He has attended all of the directors' meetings of the Rapid Transit Subway company, and John B. McDonald, the contractor, regards him as one of the most valuable of its officers. His me-chanical knowledge has solved many problems which have been met with it the great undertaking. Ho suggested the loop in City Hall park and under Mail street, instead of making a complete circuit of the postoffice, as was first intended. This suggestion was the means of saving at least \$1,000,000 to the company.—Chicago American.

ENGLAND SLAVE TO PING PONG. Ping pong, or table tennis, which obtained a certain vogue last winter, has developed this year into a social craze of overwhelming dimensions in London. It is played everywhere-in Peckham as absorbingly as in Park Lane. It not only is fascinating, but is cheap, and is practicable on any tadon firm has sold 1,000,000 sets, it is said, in three months. A ping pong association has been formed, under distinguished patronage, to make rules

down the yearly expense bill of a rail- men have attained extraordinary progciency. At the acuarium tournament one rally lasted eighty-seven stroker Walking along any quiet the fare in the West End or the sub a evening, you are bound to ping pong of the celluloid parchment or string rackets every other house. Bridge cards have been laid aside, motoring is neglectedeven the war is forgotten-in the wild delights of the new fad.-Chicago In-

NEW CITY DIRECTORY.

R. L. Polk & Co.'s Salt Lake Chy directory for 1902 is now in press. All persons who have made any recent changes in their business or residence addresses should call or write us im-mediately No changes taken over Secretary and Manager 617-619 Dooly Bldg.

EDWARD L. BURTON. Stock and BROKER,

11 East First South. Local Bonds, Commercial Stocks and Investment Securities Bought and Sold. Tel. 1058-x. Correspondence Solicited,

UTAH FUEL CO.

Miners and Producers of

Utah Coal and Coke ANTHRACITE-CHARCOAL

Wholesale Office, Room 401 Dooly TELEPHONE 635.

Retail Dept. 73 Main Street.

and BLACKSMITH COAL.

D. J. SHARP. City Agent.

TELEPHONE 429.

THE OLDEST AND LARGEST. R. G. DUN & CO.,

... General Manage

The Cudahy Packing Company

Royal aqua- | GEORGE RUST....

rium last week, lasting six days. This week Belgravia had its more select competition in Queen's hall. Some wo-

Extends an invitation to the Ladies of

Salt Lake City to visit the new Diamond "C"

Premium Store, 317 South Main Street. A full line of premiums is on exhibition, and the attendant will explain how they may be obtained and what the special merits of Diamond "C" laundry soap are.

Salt Lake City, Utah.

() tat takan banan banar berberakan kerebah bana banar banar banan banan banan banan banan banar banar banar b

GARDNER DAILY STORE NEWS.

Remember the address:

317 South Main Street, Opposite Walkers,



(filozofia a translativa e We invite your attention to this broken line of Overcoats you have heard so

much about. All sizes are here, also different styles, weights and shades.

overcoat this season, or at least by next fall-embrace this opportunity NOW. You never have been able to bny so

It you have thought of getting an

good an overcoat for so little money. REDUCED PRICE, \$7.00 TO \$22.50.

> We want your trade, but we want to feel that we deserve it. That's why we give you the most and best for the

PRICE. J. P. Gardner, MAIN ST.